

## SVOCs - Prelims

303859



Table 2  
Preliminary Analytical Data Summary Table - TCL SVOCs  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1
CLP Sample ID	BAZS8	BAZS6	BAZS7	BAZS8	BAZS9	BAZT9	BAZT1	BAZT2	BAZT3	BAZT4	BAZT5	BAZT6	BAZT7	BAZT8
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	ND	ND	ND	ND	350,000	ND	ND	ND	8,500	ND	ND	ND	ND	ND
Phenyl	ND	ND	2,100 J	14,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,7-Dichloro-1-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	3,200 J	ND	ND	6,000	5,800 J	ND	7,200	ND	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitro-d-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	28,000	ND	1,400 J	ND	ND	ND	1,800,000 E	ND	44,000	12,000	ND	1,800 J	11,000
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caproic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	18,000 J	26,000	ND	ND	ND	ND	ND	160,000	ND	130,000	ND	910 J	1,900 J	15,000
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Bibenzyl	ND	ND	ND	2,800 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylnaphthalene	ND	ND	ND	1,400 J	ND	ND	ND	ND	ND	ND	4,400 J	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetanilide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetanilide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	25,000 J	110,000	7,400	ND	630,000 E	27,000	57,000	2,000,000 E	16,000	450,000 E	ND	ND	ND	6,700
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	61,000	ND	3,900 J	ND	ND	3,300 J	ND	ND	ND	53,000	3,600 J	ND	1,400 J	6,600
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acridone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	25,000 BJ	ND	ND	ND	38,000 B	62,000 B	12,000 BJ	74,000	1,500 BJ	62,000	ND	ND	16,000	9,800
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	1,200 BJ	ND	ND	ND	4,700 BJ	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	260,000 B	ND	2,400 BJ	1,700 BJ	ND	ND	ND	3,000 BJ	710,000 E	ND	ND	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	10,000 J	ND	ND	ND	ND	ND	ND	ND
Benzox(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

## Notes:

All results are preliminary and have not gone through any data review or validation process.

Detected concentrations are **Bolded**.

E- Sample concentrations exceeded the upper level of the calibration range.

J - Indicates the reported value is an estimate.

B - Indicates analyte found in the associated method blank.

ND - Indicates the analyte was analyzed for but not detected.

DF - Dilution Factor



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Preliminary Analytical Data Summary Table - TCL SVOCs  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1
CLP Sample ID	BAZT9	BAZW9	BD004	BD005	BD006	BAZQ1	BAZQ2	BAZQ3	BAZQ4	BAZQ5	BAZQ6	BAZQ7	BAZ84	BAZW1
Area	Area01	Area01	Area01	Area01	Area01	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	610,000	ND	ND	2,300 J	27,000	4,000 J	ND	1,400 J	ND	27,000	ND	ND
Bis(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	4,000 J	ND	ND	ND	ND	ND	ND	ND	ND
2,7-dichloro-1-(chloropropene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	9,200 B	ND	5,800 B	9,200 B	4,500 BJ	18,000 B	16,000 B	ND	ND
4-Methylphenol	ND	ND	22,000 J	ND	ND	ND	ND	ND	ND	ND	ND	5,400	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	23,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	200,000 E	260,000 E	11,000 J	200,000	160,000	ND	670,000 E	4,800	12,000	ND	15,000	4,800 J	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	1,400 J	1,900 J	ND	ND	ND	ND	14,000	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND	ND	ND	11,000	ND	ND	ND	1,100 J	ND	ND	4,000 J
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,800 J	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	14,000 B	9,000 B	3,500 BJ	2,600 BJ	50,000 B	9,400 B	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9,000	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acridene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND	5,400	ND	ND	130,000 E	ND	ND	ND
1,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	4,400 J	ND	ND	460,000	6,600,000 E	ND	ND	1,300 J	ND	ND	26,000	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	7,800	ND	ND	ND	13,000	ND	ND	ND	ND
Benzobicyclofluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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September 2013

RST 2 Sample ID	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1
CLP Sample ID	BAZS1	BAZW2	BAZS2	BAZS9	BAZS3	BAZW3	BOAG9	BAZW4	BAZW7	BAZW6	BAZX4	BAZX8	BAZY1	BAZX2
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	20,000 J	ND	ND	ND	ND	1,800 J	ND	ND	ND	ND	ND	ND	1,200,000 EH	ND
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	370,000 E	4,100 J	ND	ND
Bis(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,7-Dimethyl-1-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	ND	ND	1,900 J	ND	ND	ND	3,700 J	ND	14,000
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12,000	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	17,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	17,000 J	ND	3,400 J	3,300 J	1,000,000 E	ND	59,000	ND	ND	9,100	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	1,900 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibutylphthalate	200,000	5,200	ND	21,000 J	ND	ND	ND	ND	ND	110,000 E	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	24,000 J	ND	ND	ND	ND	ND	69,000	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Permethrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	230,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	18,000 J	190,000	ND	9,500 J	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylhexylphthalate	ND	ND	ND	20,000 RJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoxanthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	ND	32,000	ND	21,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzocyclohexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzocyclohexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzocyclohexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benz(a,h)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:  
All results are preliminary and have not gone through any data review or validation process.  
Detected concentrations are **Bolded**.  
E - Sample concentrations exceeded the upper level of the calibration range.  
J - Indicates the reported value is an estimate.  
B - Indicates analyte found in the associated method blank.  
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Table 2  
Preliminary Analytical Data Summary Table - TCL SVOCs  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-DW-2063-1	P001-DW-2064-1	P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2	P001-DW-2093-1
CLP Sample ID	BAZX7	BAZR7	BAZX8	BAZX5	BAZX8	BAZX9	BAZX6	BAZX9	BAZH9	BAZX1	BAZY9	BH007	BH008	BH009
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sediment Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	ND	ND	ND	77,000 B	3,500 J	2,800 BJ	ND	ND	ND	ND	ND	ND	ND	ND
Benzol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	14,000 J	ND	ND	ND	ND	3,000 J	ND	2,600 J	ND	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N,N-Dimethyl-4-n-propylaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	21,000 J	530,000 E	ND	ND	ND	ND	ND	ND	270,000 E	ND	140,000	140,000	37,000 J
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	3,000 J	ND	ND	ND	ND	ND	2,100 J	ND	33,000 J	33,000 J	33,000 J	11,000 J
2-Methylnaphthalene	ND	21,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	1,200 J	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	1,900 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dicentrophthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	5,500	ND	ND	ND	ND	17,000 J
Dibenzodioxin	ND	ND	ND	ND	ND	ND	ND	ND	6,500	ND	ND	ND	ND	ND
2,4-Dinitrochlorobenzene	ND	ND	ND	2,800 J	2,300 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorophthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	69,000
N,N-Dimethylpropylaniline	ND	23,000 J	ND	ND	3,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Parachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthrone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	1,500 J	12,000	ND	ND	ND	ND	11,000	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,100 J	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	6,100 B	ND	ND	ND	ND	200,000
Butylbenzylphthalate	ND	ND	ND	ND	25,000 B	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofuranone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	ND	95,000 B	3,000 J	ND	3,300 J	ND	ND	ND	ND	ND	ND	97,000	110,000	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzocyclohexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzocyclohexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indanone (1,2,3-c)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuranone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

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Detected concentrations are Bolded.

E- Sample concentrations exceeded the upper level of the calibration range.

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Table 2  
Preliminary Analytical Data Summary Table - TCL SVOCs  
Superior Barrel and Drum Site  
September 2013

INST 2 Sample ID	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-5006-1	P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1
CLP Sample ID	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZN1	BAZN2	BAZN3	BAZN4	BAZN5	BAZN6	BAZN7
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area04	Area05	Area05	Area05	Area05	Area05	Area05	Area05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,500	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis[1-Chloropropane]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,700 B	7,000 B	ND	ND	1,100 BJ
4-Methylphenol	ND	ND	ND	ND	12,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	610,000	130,000	ND	ND	ND	ND	41,000	70,000	2,100 J	3,200 J	380,000	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	25,000 J	ND	ND	ND	ND	ND	34,000	120,000	ND	ND	1,100,000 E	1,100 J	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	1,800 J	ND	ND	ND	170,000	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	15,000 J	29,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	50,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	43,000 J	2,100 J	ND	ND	ND	2,900 J	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	930 J	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-(4-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	71,000	ND	ND	ND	ND	15,000 J	ND	ND	7,200	11,000	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	1,200 J	29,000 J	2,900 J	3,900 J	150,000	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	590,000	ND	ND	5,500	7,400	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	38,000	49,000	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	1,000,000 E	ND	1,300 BJ	ND	21,000 B	28,000 B	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benz(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	ND	85,000	ND	ND	ND	ND	ND	4,400 J	ND	220,000 E	270,000 E	ND	1,500 J	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benz(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benz(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF

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E- Sample concentrations exceeded the upper level of the calibration range.

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DF- Dilution Factor



Table 2  
Preliminary Analytical Data Summary Table - TCL SVOCs  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-2	P001-TW-6038-1	P001-TW-6038-2
CLP Sample ID	BAZN8	BAZN9	BAZF0	BAZF1	BAZF9	BAZQ0	BAZP2	BAZP3	BAZP4	BAZP5	BAZP6	BAZQ8	BB017	BB018
Area	Area05	Area05	Area05	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06
Sampling Date	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	1,400 J	ND	ND	ND	ND	14,000	ND	1,400 J	ND	18,000	16,000 J	16,000 J
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis[1-Chloropropane]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	1,400 BJ	22,000 B	ND	ND	ND	17,000 B	13,000 B	4,200 BJ	ND	2,400 BJ	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	56,000	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl)amine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	1,300,000 E	ND	20,000	ND	ND	ND	ND	7,300	ND	ND	ND	11,000 J	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylisophthalate	ND	7,100,000 E	ND	72,000	ND	ND	ND	1,800 J	4,500 J	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	400,000	ND	5,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	2,800 J	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	120,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	18,000	ND	ND	170,000	ND	ND	ND	ND	1,600 BJ	14,000 J	11,000 J
Fluorene	ND	300,000	ND	4,600 J	ND	ND	ND	ND	1,500 J	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-phenylamine	ND	ND	ND	ND	ND	ND	ND	5,500	ND	ND	ND	ND	14,000 J	14,000 J
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	6,600 J	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	1,100,000 E	ND	11,000	ND	ND	ND	1,500 J	ND	11,000 J	ND	ND	ND	ND
Atrazine	ND	130,000	ND	1,200 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dk-n-butylphthalate	5,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	1,400 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoxanthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	1,600 J	ND	ND	ND	ND	ND	ND	1,400 J	ND	ND	ND	ND	ND	ND
Dk-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzobifluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

All results are preliminary and have not gone through any data review or validation process.

Detected concentrations are Bolded.

E- Sample concentrations exceeded the upper level of the calibration range.

J- Indicates the reported value is an estimate.

B- Indicates analyte found in the associated method blank.

ND- Indicates the analyte was analyzed for but not detected.

DF- Dilution Factor

10 X DF

10 X DF



Soil

Table 2  
Preliminary Analytical Data Summary Table - TCL SVOCs  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-S-2001-1	P001-S-2002-1	P001-S-2003-1	P001-S-2001-1	P001-S-2001-2	P001-S-2002-1	P001-S-2003-1	P001-S-2004-1	P001-S-2005-1	P001-S-2006-1	P001-S-2007-1	P001-S-2008-1	P001-S-2009-1	P001-S-2010-1
CLP Sample ID	BAZQ9	BAZ29	BB000	BAZB0	BAZR1	BAZR2	BAZR3	BAZZ0	BAZY9	B0A10	B0AK4	B0AK9	B0AK8	B0AK5
Area	Area02	Area02	Area02	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03
Sampling Date	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	120 J	ND	510 J	ND	ND	ND
Phenol	24,000 E	ND	ND	ND	280 J	420 J	1,500	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3'-oxybis(1-Chloropropene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	12,000	ND	ND	340 J	670 J	420 J	520 J	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	450 J	670 J	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	60,000 E	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	39,000 E	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	51,000 E	ND	ND	ND	ND	ND	240 J	ND	ND	ND	370 J	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	260 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	120 J	62 J	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,800	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	7,300	ND	44,000 J	ND	ND	980	42,000 E	ND	ND	ND	580 J	ND	ND	400 J
Fluorene	720 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1,400	ND	ND	ND	ND	ND	610 J	ND	ND	ND	520 J	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	390 J	ND	ND	ND
Anthracene	200 J	ND	ND	ND	ND	ND	150 J	73 J	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	850 J	ND	ND	4,800	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	6,000	ND	69,000	510 J	400 J	12,000	73,000 E	150 J	ND	25,000	1,600 J	ND	4,800	ND
Fluoranthene	370 J	15,000 J	ND	ND	270 J	ND	ND	100 J	110 J	ND	ND	ND	ND	ND
Pyrene	ND	12,000 J	ND	1,800	1,500	ND	ND	140 J	93 J	ND	ND	ND	ND	ND
Bis(benzoyl)phthalate	4,500	71,000	ND	ND	ND	100,000 E	2,300	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoxanthracene	ND	ND	ND	ND	430 J	ND	ND	ND	72 J	ND	380 J	ND	ND	ND
Chrysene	ND	12,000 J	ND	ND	480 J	ND	ND	150 J	75 J	ND	440 J	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	33,000 E	70,000	30,000 J	8,000	9,700	27,000 E	21,000 E	ND	ND	9,800	1,500 J	4,400	ND	ND
Dibenzophthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzobifluoranthene	ND	15,000 J	ND	ND	790 J	ND	250 J	110 J	ND	ND	ND	ND	ND	ND
Benzofluoranthene	ND	ND	ND	ND	480 J	ND	98 J	65 J	ND	ND	ND	ND	ND	ND
Benz[a]pyrene	ND	ND	ND	ND	1,400	ND	ND	160 J	81 J	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	320 J	420 J	ND	ND	110 J	ND	ND	ND	ND	ND	ND
Dibenz[a,h]anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benz[a,h]perylene	ND	ND	ND	930 J	1,500	ND	140 J	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Preliminary Analytical Data Summary Table - TCL SVOCs  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-S-3011-1	P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	P001-S-6001-1	P001-S-6002-1	P001-S-6003-1
CLP Sample ID	B0AK7	B0AN6	BAZY8	BB001	BB002	BB003	BAZZ1	BAZZ2	BAZZ3	BAZZ4	BAZZ5	BAZZ6	BAZZ7	BAZZ8
Area	Area03	Area03	Area03	Area04	Area04	Area04	Area05	Area05	Area05	Area05	Area05	Area06	Area06	Area06
Sampling Date	9/27/2013	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Benzaldehyde	ND	ND	136,000 E	ND	ND	ND	62 J	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	3,300	870	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200 J	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,7-dimethyl-1-Chloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	7,600	ND	ND	140 J	ND	ND	ND	ND	ND	43 J	100,000 E
4-Methylphenol	ND	1,600 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodipropylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	620 J	ND	ND	ND	ND	ND	77 J	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	340,000 E	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	1,100 J	ND	ND	ND	ND	ND	85 J	ND	ND	ND	ND	ND	15,000	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	800 J	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	1,400	ND	1,600 J	3,100	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	870 J	230	ND	ND	530 J	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	97 J	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylnaphthalene	24,000	ND	ND	ND	1,600 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	680 J	380	ND	500 J	850 J	840 J	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodipropylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	280	ND	ND	3,700	3,500 E	ND	4,100	6,100	5,700	ND	ND	80 J
Anthracene	ND	ND	420	ND	ND	790 J	2,200	ND	4,100	4,500	3,400	ND	ND	ND
Carbazole	ND	ND	1,000	ND	ND	ND	340	ND	ND	740 J	ND	ND	ND	ND
Di-n-butylphthalate	1,200 J	560 J	ND	ND	ND	ND	67 J	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	770	ND	ND	1,600 J	6,800 E	ND	5,900	12,000	8,900	120 J	2,700	140 J
Pyrene	ND	ND	890	ND	ND	1,500 J	4,100 E	ND	5,300	9,300	7,700	ND	ND	160 J
Benzofluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	95 J
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	ND	ND	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	590	ND	ND	700 J	2,800 E	ND	3,600	6,500	4,900	ND	ND	70 J
Indeno[1,2,3-cd]pyrene	21,000	1,600 J	3,800 E	53,000 E	ND	910 J	3,100 E	ND	3,300	6,800	5,300	ND	ND	88 J
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	870 J	170 J	5,600	56 J
Benzo[b]fluoranthene	ND	ND	590	ND	ND	ND	3,600 E	ND	3,800	7,900	5,300	ND	ND	ND
Benzo[k]fluoranthene	ND	ND	430	ND	ND	ND	1,200	ND	3,000	4,300	2,500	ND	ND	62 J
Benzo[a]pyrene	ND	ND	240 J	ND	ND	470 J	2,900 E	ND	3,400	6,900	5,200	ND	ND	85 J
Indeno[1,2,3-cd]pyrene	ND	ND	360	ND	ND	ND	1,700	ND	1,800 J	4,200	3,800	ND	ND	45 J
Dibenz[a,h]anthracene	ND	ND	ND	ND	ND	ND	450	ND	490 J	1,100 J	770 J	ND	ND	ND
Benzo[g,h,i]perylene	ND	ND	ND	ND	ND	ND	1,200	ND	1,900 J	4,000	2,800	ND	ND	44 J
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

All results are preliminary and have not gone through any data review or validation process.

Detected concentrations are **Bolded**.

E - Sample concentrations exceeded the upper level of the calibration range.

J - Indicates the reported value is an estimate.

B - Indicates analyte found in the associated method blank.

ND - Indicates the analyte was analyzed for but not detected.

DF - Dilution Factor



Table 2  
Preliminary Analytical Data Summary Table - TCL SVOCs  
Superior Harrow and Deam Site  
September 2013

RST 2 Sample ID	P001-S-6004-1	P001-S-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-S-7003-1	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1
CLP Sample ID	BAZZ7	BAZY3	BAZY4	BAZZ5	BAZZ6	BAZY2	BAZY5	BAZY6	BAZY7	BD019	BD020	BD0E1	BD0E2	BD0E3
Sampling Date	Area06 9/26/2013	Area06 9/26/2013	Area06 9/26/2013	Area06 9/26/2013	Area06 9/26/2013	Area06 9/26/2013	Area07 9/26/2013	Area07 9/26/2013	Area07 9/26/2013	Area01 9/27/2013	Area03 9/27/2013	Area03 9/27/2013	Area03 9/27/2013	Area06 9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)
Benzaldehyde	ND	ND	ND	ND	ND	7,200	ND	ND	ND	ND	ND	ND	ND	3.9 J
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-methylenebis(4-Chlorophenol)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	3,100	ND	ND	ND	1.7 J	ND	ND	ND	8.5
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodipropylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	ND	3,500	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	15,000 J	ND	ND	ND	ND	1,100 J	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibutylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodipropylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	15,000 J	ND	ND	ND	ND	1,200 J	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibutylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	17,000 J	3,800	380 J	ND	ND	1,600 J	ND	ND	ND	ND	6.7
Pyrene	ND	ND	ND	16,000 J	6,300	420 J	ND	ND	1,500 J	0.49 J	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,7-Dichlorobenzodioxine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofuran	ND	ND	ND	13,000 J	ND	1,800 J	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	15,000 J	2,300	ND	ND	ND	1,100 J	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	29,000 J	630 J	2,500	ND	ND	1,300 J	ND	ND	ND	ND	ND
Dibenzophthalate	ND	ND	ND	ND	ND	ND	ND	ND	2,600 J	22	ND	ND	2.2 J	ND
Benzodifluoranthene	ND	ND	ND	31,000 J	2,300	ND	ND	ND	2,400 J	ND	ND	ND	ND	ND
Benzofluoranthene	ND	ND	ND	7,900 J	980 J	ND	ND	ND	1,000 J	ND	ND	ND	ND	ND
Benzofluorene	ND	ND	ND	19,000 J	1,500 J	ND	ND	ND	1,500 J	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	15,000 J	990 J	ND	ND	ND	1,100 J	ND	ND	ND	ND	ND
Dibenzofluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzofluorene	ND	ND	ND	17,000 J	1,000 J	ND	ND	ND	1,300 J	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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